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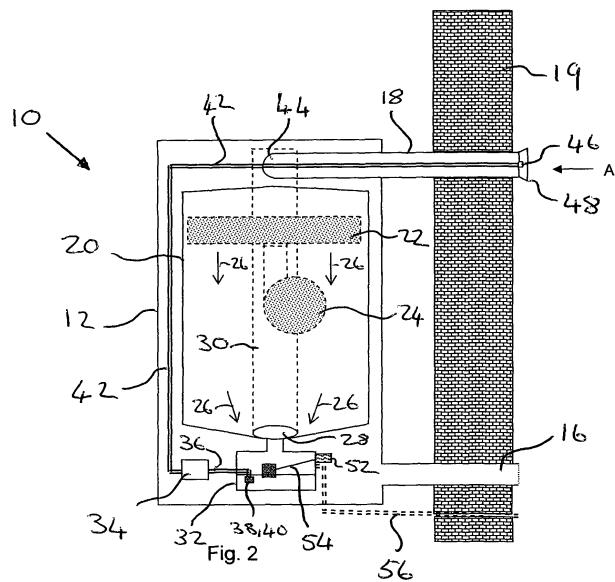
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(54) Condensing boiler assembly

(57) A condensing boiler assembly (10) comprises a burner (22), a heat exchanger (20), a means (24) for passing flue gasses from the burner through the heat exchanger such that water vapour in the flue gasses is condensed, a flue pipe (18) through which the flue gasses are vented to atmosphere and a tank (32) for collecting the condensate. In order to automatically remove the condensate from the tank, the boiler assembly further

comprises an outlet nozzle (46) and a pump (34) for pumping the condensate from the tank to the outlet nozzle (46). The arrangement is such that the condensate is emitted from the nozzle as a fine spray or mist. The outlet nozzle (46) will usually be located in the flue pipe (18) at or close to an outlet or terminal (48) of the flue pipe. The pump is configured to pump the condensate to the outlet nozzle at a pressure of 2 bar (0.2MPa) or more.





EUROPEAN SEARCH REPORT

Application Number
EP 06 01 2390

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The present search report has been drawn up for all claims			
1	Place of search Munich	Date of completion of the search 19 April 2011	Examiner Blot, Pierre-Edouard
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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